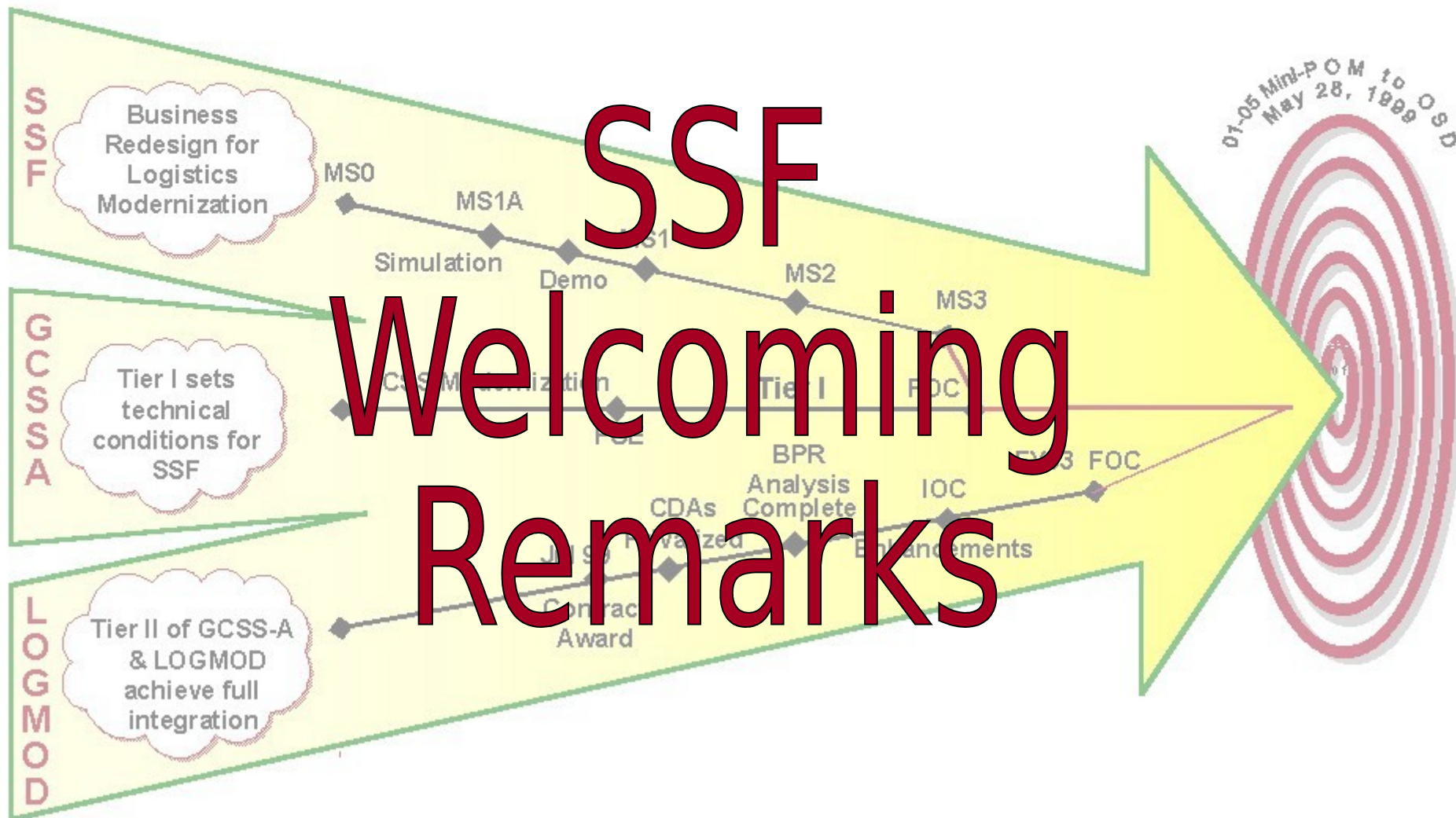




# SSF Welcoming Remarks



The diagram illustrates a three-tiered approach for the verification of a cryptographic algorithm. It is structured as follows:

- Tier 1: Backdoor Techniques for Logical Verification**
  - Initial step: **Simulation**
  - Intermediate step: **Formal Verification**
  - Final step: **FHEC** (Fully Homomorphic Encryption with Confidentiality)
- Tier 2: Tier 1's results as inputs for FHE**
  - Intermediate step: **FHE** (Fully Homomorphic Encryption)
  - Final step: **FHEC** (Fully Homomorphic Encryption with Confidentiality)
- Tier 3: Tier 2 of GCSS-A and LOGMOD without full integration**
  - Intermediate step: **FHEC with Confidentiality**
  - Final step: **FHEC with Confidentiality**

The process flow is indicated by arrows, showing a sequential progression from Tier 1 to Tier 2, and then to Tier 3. The final output is labeled **FHEC with Confidentiality**.

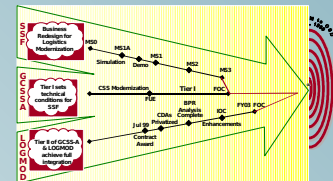
## Develop Milestone 2 Implementation Procedures



## **Outcome: Framework for Milestone 2 Implementation Procedures and Additional Metric Requirements**



# - Agenda -



## Day 1

- Welcoming Remarks
- Overview of Milestone (MS) 1 Business Rules and Process Flows
  - Integrated Requirements Determination
  - National Maintenance Management
  - Financial Management
- Introduction of MS2 IP Workshop
- Review of SSF GOWG Decisions
- Conversion Strategy
- Strawman Course of Action
  - Policy Impacts
  - Issues
- General Discussions

## Day 2

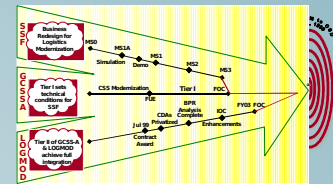
- Collaborative Technology Software (CTS)
  - Instructions on Use
  - Functional Grouping of Workshop Participants
- MS2 Implementation Procedures (IP) Workshop
  - Integrated Requirements Determination Process IPs (Paul)
  - National Maintenance Manager IPs
  - Financial Management IPs
- Recap and Review Taskers

## Day 3

- Reconvene Workshop (Con't of Day 2)
  - MS2 IPs
  - Summarize MS2 Workshop Results
  - Metrics
- Wrap-up and Final Comments



# - Workshop Strategy -



## Purpose

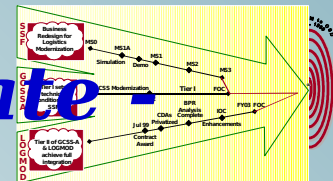
To start process mechanism for Milestone 2 Implementation and to highlight requirements for additional metrics, if required.

## Discussion Topics

- Milestone 1 Business Rules Baseline Overview
- Milestone 2
  - Implementation Strategy
  - Recommendations by Functional Area
- Additional Metrics



# SSF MS1 Business Rules Update



## Key Items of Interest

- Conducted Baselining Workshop, Milestone 1, 12-14 Jan 99
- Session focused on the Business Rules required for Milestone 1 based on the known IT solution
- Disseminated Workshop results 25 Jan 99
- Posted to SSF Homepage:  
[www.amc.army.mil/dcs\\_logistics/ssf/index](http://www.amc.army.mil/dcs_logistics/ssf/index)

## Schedule

### Day 1

- Introductions, Familiarization Activity
- Review of GOWG Outcomes
- SSF Information Technology Approach
- Business Rules Overview
- Integrated Requirements Determination

### Day 2

- National Maintenance Manager
- Single Point of Sale
- Single Credit Process
- Financial Management

### Day 3

- Parking Lot Issues
- MACOM Remarks
- Group Discussion
- Wrap-Up and Taskers

## Representation

- |             |           |                 |
|-------------|-----------|-----------------|
| • FORSCOM   | • USARNG  | • SSF PMO       |
| • TRADOC    | • DFAS-IN | • EUSA          |
| • USAREUR   | • CASCOM  | • DA            |
| • USARPAC   | • AMSAA   | • ODCSLOG       |
| • Ft. Lewis | • LAISO   | • Calibre(ILAP) |
| • NBO/IMMCs | • AAA     | • )             |
| • CECOM     | • LIA     | • KMPG          |
| • CASCOM    |           | • GRCI          |

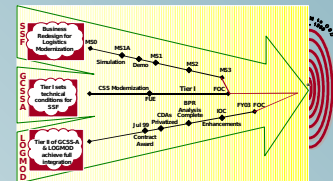
## "Hot Wash" : USAR AMC

- Baselined business rules which support the Demonstration and Milestone 1 implementation
- Obtained MACOM-level agreement
- Institutionalized process to change/update the Baseline IAW a SSF PMO SOP
- Agreed to Provide Copies of the Baselined Business Rules to Participants at GOWG





# - SSF GOWG Update -



## Key Items of Interest

- Conducted on 30-31Mar 99
- Highlighted major events, accomplishments, and future critical events, recommended solution for NAMI Management, and obtained a decision on Milestone 1 and 2 consolidation
- Disseminated Minutes 16 Apr 99
- Posted to SSF Homepage:  
[www.amc.army.mil/dcs-logistics/ssf/index](http://www.amc.army.mil/dcs-logistics/ssf/index)

## Schedule

### Day 1

- Introductions, Welcome
- Review of GOWG Action Items
- SSF Program Update
- Financial Management
  - Resources
  - Credit/Pricing
  - TRM
- NBO Update
- NAMI Discussions

### Day 2

- Demo Strategy
  - IT
  - Logistics
  - Financial
  - Metrics
  - T&E
- Training Update
- Battle Lab Demo
- MS1&2 Consolidation
- Wrap-up

## Representation

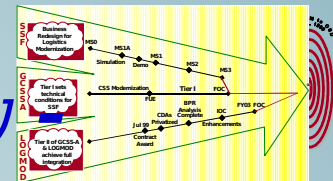
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| • TRADOC    | • DFAS-IN | • EUSA          |
| • USAREUR   | • CASCOM  | • DA            |
| • USARPAC   | • AMSAA   | • ODCSLOG       |
| • Ft. Lewis | • LAISO   | • Calibre(ILAP) |
| • NBO/IMMCs | • AAA     | • )             |
| • CECOM     | • LIA     | • KPMG          |
| • CASCOM    | • CEAC    | • GRCI          |

## "Hot Wash" : USAR AMC

- Mini-POM background information disseminated to MACOMs
- Milestone 1 and 2 consolidated
- NAMI decision on-track
- CTASC shared/non-shared decision moved prior to Demo
- "Strawman" MS1 Conversion Plan



# IT Synchronization Strategy



## Key Items of Interest

- Conducted periodic IT IPRs to synchronize numerous aspects related to automated system integration to enable the Demo
- IPR is mechanism to work IT-related issues
- NAMI & AMCISS ECP developed
- Integrates schedule & ECP actions
- Requested assessment proposed

## SARSS 1999 IT IPR Schedule

✓ 28 Jan, 5 Mar, 15 Apr 26+

## IT IPR Agenda Items

- Review status of open taskers
- Identify internal and external IT-related issues
- Discuss & synchronize program schedules
- Deconflict competing priorities

## •Process Flows

## Representation

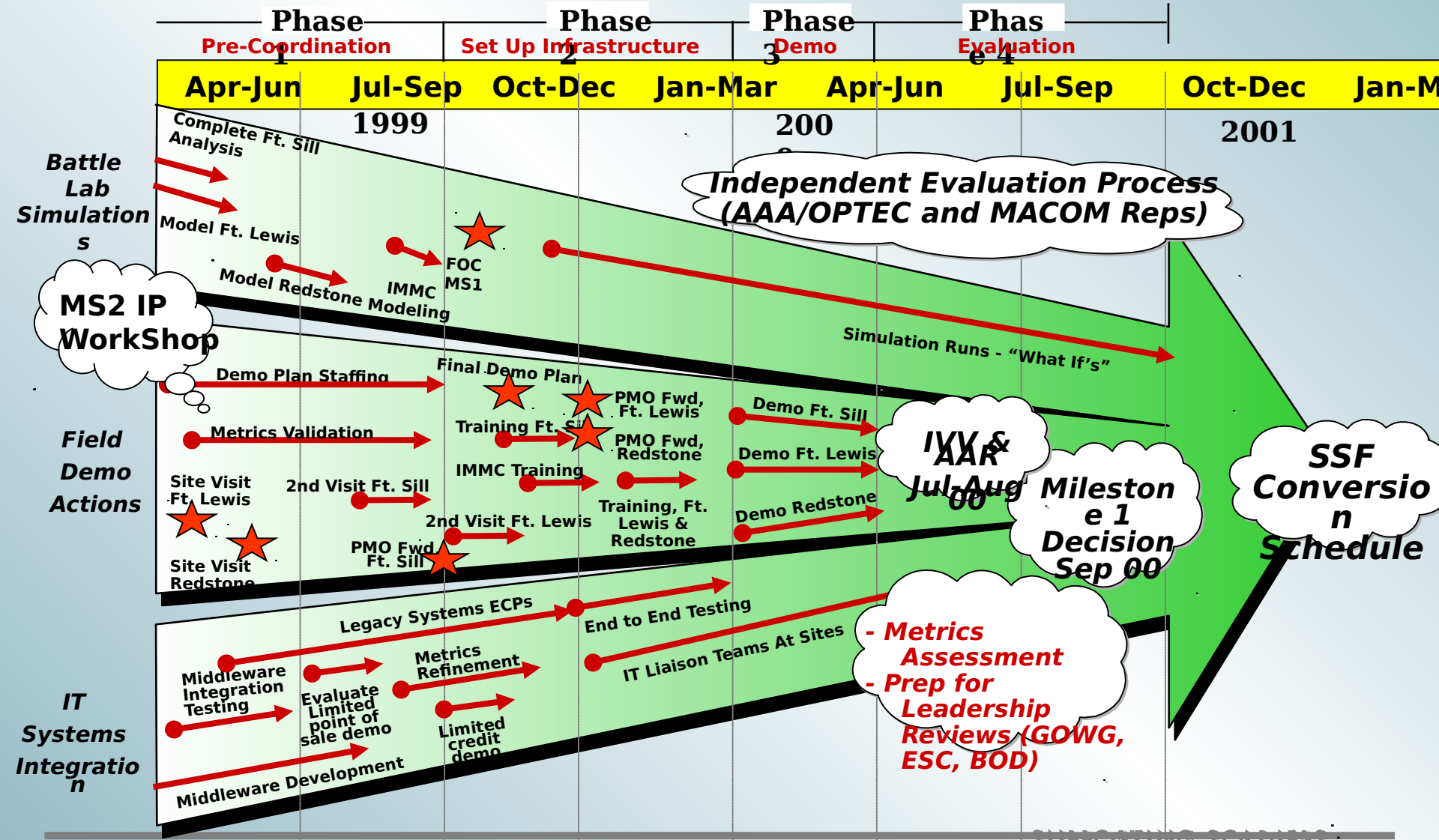
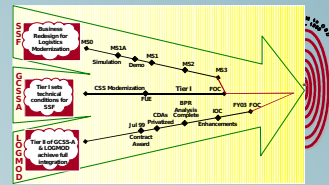
- SSF PMO
- AMC (NBO /LSSC/ LAISO/ ISEC)
- DFAS-IN
- CASCOM
- PM GCSS-A
- DA ODCSLOG (DALO-PLI)
- GRCI

## “Hot Wash”

- Useful forum to bring together key IT developers & programming activities
- Integrates retail & wholesale-level efforts
- Allows for increased dialogue and schedule synchronization
- AARs are published to track issue resolution



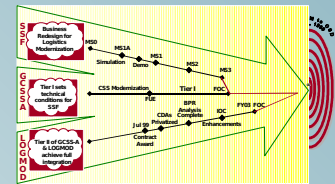
## - Demonstration Timeline -







## - The Road Ahead for SSF -



### Long-Term

- Implement MS 1 & 2
- Institutionalize SSF

### Mid-term:

- Conduct demos (Apr-Jun 00)
- Complete IVV & AAR (Aug 00)

### Next 45 Days

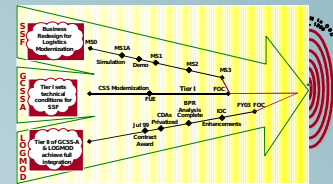
- Disconnect/Reconnect lab test (19-26 May)
- DLA/DAAS Interface Meeting (8-9 Jun)
- Disconnect/Reconnect (7-11 Jun)
- Redstone Site Visit (Week of 21 Jun)
- Identify Demo credit offset (mid-Jun)
- IT Integration testing (thru Jun)
- Complete Ft. Sill model, run Ft. Lewis

The diagram illustrates a multi-tiered verification process. It begins with 'Baseline Techniques for Logical Verification' which includes HLSA, Simulation, HDL, HDL, and HDL. This leads to 'Tier I analysis conditions for SST' which includes FUE, SPM, Analysis, Compiler, CDC, FPGAs, and HDL. This then leads to 'Tier II of GCSS-A and LOGMOD without full integration' which includes Contract, Issues, Enhancements, FPGAs, and HDL. The final output is a 'PDS FOC' (PDS, FOC). The diagram is set against a background of a green and yellow striped pattern with a red and white spiral on the right.

- **Draft TEP Released (11 May)**
- **Version 1 Demonstration Plan Released (14 May)**
- **Disconnect/Reconnect lab test (19-26 May)**
- **Ft. Sill Site Visit (2-4 Jun)**
- **NBO/NMM Workgroup (Week of the 7 Jun)**
- **Conduct Disconnect/Reconnect (7-11 Jun)**
- **DLA/DAAS Meeting (8-9 Jun)**
- **Redstone Site Visit (Week of 21 Jun)**



## - Conclusions -



- **We've made significant progress since last GOWG**
- **The Army Team is on-board and thinking Single Stock Fund**
- **Lots of analysis over the upcoming months will ensure we've got it right**
- **We're drilling down into the tough stuff -- making consistent progress to meet the Oct**